| Index of Claims | Application No.     | Applicant(s) |
|-----------------|---------------------|--------------|
|                 | 10/667,370          | TZENG ET AL  |
|                 | Examiner            | Art Unit     |
|                 | Christopher Verdier | 3745         |

Non-Elected

(Through numeral) Cancelled

Rejected

|                |            | =        | Α        | llov     | owed + Restricted |          |          |              |          |          |          |       |          |              | 1                                   | lr       | ite            | rfere        | ence                      | •        |          | 0                                       |          | 0        | bje        | cte             | .d        |          |          |          |                 |           |   |              |
|----------------|------------|----------|----------|----------|-------------------|----------|----------|--------------|----------|----------|----------|-------|----------|--------------|-------------------------------------|----------|----------------|--------------|---------------------------|----------|----------|-----------------------------------------|----------|----------|------------|-----------------|-----------|----------|----------|----------|-----------------|-----------|---|--------------|
| Cla            | im         | n Date   |          |          |                   |          |          |              |          |          | Γ        | Claim |          |              |                                     |          | Г              | Date         | <u> </u>                  |          |          | $\neg$                                  | Cla      | im       |            | Date            |           |          |          |          |                 |           |   |              |
| Final          | Original   | 7667     |          |          |                   |          |          |              |          |          |          | Final | Original |              |                                     |          |                |              |                           |          |          |                                         | I coi    |          | Original   |                 |           |          |          |          |                 |           |   |              |
| 1              | <u>(1)</u> | =        | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ |          | -            | -        | $\dashv$ | }        |       | 51       |              |                                     |          |                |              |                           |          |          | $\exists$                               |          |          | 101        | $\vdash$        | $\dashv$  |          |          |          |                 |           | _ | _            |
| 2              | 2          | =        |          |          |                   |          |          |              |          |          |          |       | 52       |              |                                     |          |                |              |                           |          |          |                                         |          |          | 102        |                 | $\Box$    |          |          |          |                 | $\Box$    |   |              |
| 3              | 3          |          |          | _        |                   |          |          |              |          | _        | L        |       | 53       |              | L                                   |          |                |              |                           |          |          | Ш                                       | 1        |          | 103        |                 | _         |          |          |          | _               | $\dashv$  | _ | _            |
| 4              | 4          | $\leq$   |          |          | _                 | _        | _        |              |          | _        | L        |       | 54       | _            | _                                   |          | _              |              |                           |          |          |                                         | -        | _        | 104        | $\sqcup$        | _         |          |          |          | _               | $\dashv$  | _ |              |
| کِا            | 5          | 11 1/    |          | _        | 4                 | -        | _        |              | _        | _        | F        |       | 55       |              | _                                   |          |                |              | _                         | -        | _        | Ш                                       | -        | $\dashv$ | 105        | $\perp$         | 4         | _        | _        |          | $\dashv$        | $\dashv$  | _ | <u> </u>     |
| 6              | 6          |          |          | _        | _                 | _        | _        |              |          | _        | F        |       | 56       |              | $\vdash$                            | $\vdash$ | -              |              | _                         |          |          | -                                       | <u> </u> | _        | 106        | $\vdash$        | 4         |          |          |          | $\dashv$        | -         |   | <u> </u>     |
| $\perp \prime$ | 7          | =        | $\vdash$ |          | -                 |          |          |              |          | _        | ŀ        |       | 57       | H            |                                     |          | _              |              |                           | -        | _        | $\vdash$                                | -        | $\dashv$ | 107        | $\vdash$        | $\dashv$  |          | _        |          | -               | -         |   | <u> </u>     |
|                | 8          | ┼        |          | $\dashv$ | $\dashv$          | $\dashv$ |          | -            | -        | _        | ŀ        |       | 58<br>59 | H            |                                     | $\vdash$ |                |              |                           |          |          |                                         | -        | $\dashv$ | 108<br>109 | $\vdash$        | $\dashv$  |          | _        | $\vdash$ |                 | $\dashv$  |   | ⊢            |
|                | 9<br>10    | -        | $\vdash$ |          | $\dashv$          | -        |          |              |          |          | F        | -     | 60       | ⊢            | _                                   |          |                |              | $\vdash$                  | _        |          | $\vdash$                                | -        | $\dashv$ | 110        | $\vdash$        | $\dashv$  |          |          | -        | -               | -         | - |              |
|                | 11         | -        | ┝        |          | -                 |          |          |              |          |          | ┝        |       | 61       |              |                                     | -        | -              |              |                           |          | _        | $\vdash$                                | <u> </u> | -        | 111        |                 | _         |          | -        | -        | -               | $\dashv$  |   |              |
|                | 12         | 1        | $\vdash$ | +        |                   |          |          |              |          |          | -        |       | 62       |              | -                                   |          |                |              |                           |          | _        | $\vdash$                                |          | 1        | 112        |                 | $\exists$ |          |          |          |                 | $\neg$    |   |              |
| -              | 13         | $\vdash$ | Н        | _        |                   | $\neg$   |          |              |          |          | ı        |       | 63       |              |                                     |          |                |              |                           |          |          |                                         |          |          | 113        |                 |           | _        |          |          | $\neg$          | ヿ         |   |              |
|                | 14         | 1        | Н        | T        |                   |          | T        |              |          |          | ı        |       | 64       |              |                                     |          |                |              |                           | $\Box$   |          |                                         |          |          | 114        |                 |           |          |          |          |                 | $\exists$ |   |              |
|                | 15         | $\vdash$ |          |          |                   |          |          |              | _        | T        | ı        |       | 65       |              |                                     |          |                |              |                           |          |          |                                         |          |          | 115        |                 |           |          |          |          |                 | コ         |   |              |
|                | 16         |          |          | $\neg$   |                   |          |          |              |          |          |          |       | 66       |              |                                     |          |                |              |                           |          |          | $\Box$                                  |          |          | 116        |                 |           |          |          |          |                 | $\Box$    |   |              |
|                | 17         |          |          |          | $\neg$            |          |          |              |          |          |          |       | 67       |              |                                     |          |                |              |                           |          |          |                                         |          |          | 117        |                 |           |          |          |          |                 |           |   |              |
|                | 18         |          |          |          |                   |          |          |              |          |          |          |       | 68       |              |                                     |          |                |              |                           |          |          |                                         |          |          | 118        |                 |           |          |          |          |                 |           |   |              |
|                | 19         |          |          |          |                   |          |          |              |          |          | [        |       | 69       |              |                                     |          |                |              |                           |          |          | Ш                                       |          |          | 119        |                 |           |          |          |          |                 |           |   |              |
|                | 20         |          |          |          |                   |          |          |              |          |          |          |       | 70       |              |                                     |          |                |              |                           |          |          | Ш                                       | <u> </u> | _        | 120        |                 |           |          |          |          |                 | $\Box$    |   |              |
|                | 21         |          | Ш        | _        |                   |          |          | _            |          |          | L        |       | 71       |              | _                                   |          |                |              | L                         |          |          | Ш                                       |          | _        | 121        |                 |           |          |          |          |                 | _         |   |              |
|                | 22         | <u> </u> | Ш        |          | _                 |          |          |              |          |          |          |       | 72       |              | _                                   |          |                | <u> </u>     | ļ                         |          |          | Ш                                       |          | _        | 122        |                 |           | _        |          |          | $\Box$          | _         |   |              |
| L              | 23         |          |          |          | _                 |          |          | _            |          | Щ        | -        |       | 73       |              |                                     | _        |                | ļ            | _                         |          |          | Ш                                       |          | _        | 123        | ļļ              |           |          |          |          |                 | _         |   | <u> </u>     |
|                | 24         | ┡        |          | _        | _                 |          |          |              |          | Щ        | ŀ        |       | 74       | ļ            | ļ                                   | ļ        |                | _            |                           |          |          | $\sqcup$                                |          | -        | 124        |                 |           |          |          |          |                 | _         |   | -            |
| <u></u>        | 25         |          |          | _        | _                 |          |          | _            |          | $\dashv$ | -        |       | 75       | _            | _                                   |          |                | ļ            |                           |          |          | Н                                       |          | $\dashv$ | 125        |                 | _         |          |          |          |                 |           |   | <u> </u>     |
|                | 26         | ╄        |          |          | $\dashv$          |          | $\vdash$ | _            |          | Н        | ŀ        |       | 76       |              | <u> </u>                            | <u> </u> |                | <u> </u>     | $\vdash$                  |          |          | $\vdash\vdash$                          |          |          | 126        |                 |           | _        | <u> </u> | $\vdash$ | $\dashv$        | -         |   | ⊢            |
|                | 27         |          | $\vdash$ | -        | $\dashv$          | _        | _        | ⊢            |          | -        | ŀ        |       | 77<br>78 |              | -                                   |          |                | _            | $\vdash$                  |          |          | $\vdash$                                |          | $\dashv$ | 127<br>128 | H               |           |          |          | $\vdash$ |                 | $\dashv$  |   |              |
|                | 28         | -        | $\vdash$ | -        | $\dashv$          |          |          | ⊢            |          | -        | ŀ        |       | 79       |              | ├                                   |          | $\vdash$       | $\vdash$     | $\vdash$                  | -        | _        |                                         | -        | $\dashv$ | 129        | $\vdash$        |           | _        |          | -        | $\dashv$        |           |   | ⊢            |
| -              | 29<br>30   | ┼        | H        |          | $\dashv$          |          |          | ⊢            |          | $\vdash$ | ŀ        |       | 80       | ├            | ├                                   | $\vdash$ | $\vdash$       | ┝            | -                         |          | _        | $\vdash$                                | -        | $\dashv$ | 130        |                 |           |          |          | -        |                 | $\dashv$  | - | ┢            |
| -              | 31         | $\vdash$ | -        |          | $\dashv$          |          | -        | <del> </del> |          | -        | ŀ        |       | 81       | $\vdash$     | ┢                                   | -        |                | $\vdash$     | $\vdash$                  |          | -        | $\vdash$                                | -        | +        | 131        |                 |           |          | $\vdash$ |          |                 | -         |   | <del> </del> |
|                | 32         | $\vdash$ | -        |          | $\dashv$          |          | _        | -            |          |          | ŀ        |       | 82       | -            | $\vdash$                            |          |                |              |                           |          |          | H                                       | -        | -        | 132        |                 |           |          | $\vdash$ | Н        |                 | $\dashv$  |   | ├─           |
| <b> </b>       | 33         | $\vdash$ | H        |          |                   |          |          | _            |          | $\vdash$ | <b> </b> |       | 83       | $\vdash$     | $\vdash$                            |          | -              | _            |                           | Н        |          | H                                       |          | _        | 133        | $\vdash$        |           |          | $\vdash$ |          |                 | $\dashv$  | _ | $\vdash$     |
|                | 34         | $\top$   | $\Box$   | _        | _                 | -        |          | $\vdash$     |          | $\vdash$ | -        |       | 84       | 一            | H                                   | T        | <del> </del>   |              |                           |          |          | $\sqcap$                                |          | $\dashv$ | 134        | $\sqcap$        |           |          | T        | П        |                 | $\Box$    |   |              |
|                | 35         | $\vdash$ |          |          |                   |          |          |              | Г        | $\vdash$ | 1        |       | 85       | <b> </b>     |                                     | Г        |                |              |                           |          |          | П                                       |          | _        | 135        |                 |           |          |          |          |                 | $\neg$    |   |              |
|                | 36         |          | $\Box$   |          |                   |          |          | 1            |          | $\Box$   | f        |       | 86       | T            |                                     |          |                |              |                           |          |          | П                                       |          |          | 136        |                 |           |          |          |          |                 | $\Box$    |   |              |
|                | 37         |          | П        |          |                   |          |          |              | Г        |          | Ī        |       | 87       |              |                                     |          |                |              |                           |          |          |                                         |          |          | 137        |                 |           |          |          |          |                 |           |   |              |
|                | 38         |          |          |          |                   |          |          |              |          |          |          |       | 88       |              |                                     |          |                |              |                           |          |          |                                         |          |          | 138        |                 |           |          |          |          |                 |           |   |              |
|                | 39         |          |          |          |                   |          |          |              |          |          |          |       | 89       |              |                                     |          |                |              |                           |          |          |                                         |          |          | 139        |                 |           |          |          |          |                 |           |   |              |
|                | 40         |          |          |          |                   |          |          |              | 匚        |          |          |       | 90       |              |                                     |          |                | L            |                           |          |          | Ш                                       |          | $\Box$   | 140        |                 | _         |          |          |          |                 |           |   |              |
|                | 41         |          | $\Box$   |          |                   |          |          |              | Ľ        |          |          |       | 91       | 匚            | ╚                                   | Ŀ        | L              |              |                           |          |          | Ш                                       |          | $\Box$   | 141        |                 |           |          |          | Ш        |                 |           |   | L            |
|                | 42         |          | Ш        |          |                   |          | _        | _            | <u> </u> |          |          |       | 92       | _            | <u> </u>                            | <u></u>  | L.             |              |                           | Щ.       |          | Ш                                       | L.       | _        | 142        | $\sqcup \bot$   | _         | <u> </u> | _        | Ш        | Щ               |           |   | L            |
| <u></u>        | 43         | 1        | Ш        |          |                   |          | _        | _            | <u> </u> |          | L        |       | 93       | <del> </del> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | _              |              | _                         | $\vdash$ | <u> </u> | Ш                                       | <u> </u> | _        | 143        | $\sqcup$        | _         | <u> </u> | <u> </u> | $\vdash$ | Щ               |           |   | _            |
| <u> </u>       | 44         | _        | Ш        | _        |                   |          | <u> </u> | <u> </u>     | <u> </u> | $\sqcup$ | L        |       | 94       | <del> </del> | <u> </u>                            | <u> </u> |                |              | <u> </u>                  | _        | _        | Ш                                       | _        | _        | 144        |                 | _         | <u> </u> | <u> </u> | $\vdash$ | Щ               |           |   | <u> </u>     |
| <u> </u>       | 45         | _        | Ш        | _        | _                 |          | <u>L</u> | <u> </u>     | <u> </u> | Щ        | ļ        |       | 95       | <u> </u>     | <u> </u>                            | <u> </u> | _              | $\vdash$     | $\vdash$                  | <u> </u> | _        | Н                                       | _        | _        | 145        |                 |           | _        | <u> </u> | $\vdash$ | $\vdash$        | $\dashv$  |   | $\vdash$     |
| <u></u>        | 46         | -        | $\vdash$ | _        | _                 |          | $\vdash$ | _            | _        | Щ        | -        |       | 96       | $\vdash$     | $\vdash$                            | _        | _              |              | $ldsymbol{ldsymbol{eta}}$ |          | _        |                                         | -        | 4        | 146        | $\vdash \vdash$ |           |          | -        | H        | $\vdash \vdash$ | $\dashv$  |   | -            |
| <u> </u>       | 47         | -        | $\vdash$ |          |                   |          | <u> </u> | $\vdash$     | <u> </u> | $\vdash$ | - }      |       | 97       | ├-           | ├                                   | ⊢        | $\vdash$       | ├            |                           |          | $\vdash$ | $\vdash$                                | $\vdash$ | $\dashv$ | 147<br>148 | +               | _         | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$        | -         |   | -            |
| $\vdash$       | 48<br>49   | -        | Н        |          |                   |          | $\vdash$ | -            | -        | Н        | -        |       | 98<br>99 | ├            | $\vdash$                            | $\vdash$ | <del> </del> - | <del> </del> | $\vdash$                  |          | -        | H                                       | $\vdash$ | $\dashv$ | 148        | $\vdash \vdash$ | -         | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$        |           |   | $\vdash$     |
| <del></del>    | 50         | +        | $\vdash$ |          |                   |          | -        | -            | -        | $\vdash$ | - }      |       | 100      | +-           | $\vdash$                            | $\vdash$ | -              | -            | <del>  -</del>            | $\vdash$ | _        | $\vdash$                                | $\vdash$ | $\dashv$ | 150        | $\vdash$        |           | $\vdash$ | $\vdash$ | Н        | $\vdash$        | -         | - | $\vdash$     |
|                |            | 1        |          |          |                   |          |          | 1            |          | ь        | L        |       |          |              | 1                                   |          |                |              | Ц                         |          |          | لــــــــــــــــــــــــــــــــــــــ |          |          | . 55       |                 |           |          | Щ.       |          |                 |           |   |              |

Appeal